her	<mark>ъ</mark> ISBN - 9780618998760		Publisher -	Houghton Mifflin (Company	Pro
ublis	Kentucky Experience Science Co		Comprehensiv	e Program		vide
he P	Type - P2	Author - E	Badders, Carnine	e, Jeanpierre, Felicia	ani, Sumners, Valentino, Poore	d by
d by	Copyright - 2009	Edition - 1	st	Readability -	2.25 SSR Spache	the P
ovide	Course - Elementary Science			Grade(s) -	2	ublis
Pro	Teacher Edition ISBN	l if applicabl	е		9780618964994	her

Overall Recommendation:

⊠ Recommended as Basal

Overall Strengths, Weaknesses, Comments:

Strengths:

- *Clear tie-in to seven big ideas.
- *Strong, DOK-diverse assessments
- *Appealing, colorful student-text.
- *Student text is readable and grade-level appropriate, with an excellent glossary at the end of each section, for ease of student use.
- *Most materials for activities are provided as essential components or are readily available for teachers.

Weaknesses:

- *Limited inquiry-based activities.
- *Limited opportunities for students to collect, organize and interpret data.
- *Minimal (one) graphical representations of data in student text.

Comments

- *It is unclear if student activity masters are part of the basal purchase or must be selected as gratis based on a determined amount of basal purchase.
- *Free-with-purchase items should be considered essential, as they are necessary to complete this program. We advise consumers to select these items wisely.

CRITERIA

This basal resource ...

	compasses KY Content Standards & Grade Level pectations	Strong EvidenceModerate EvidenceLittle or No Evidence
	☐ Text is designed to be used in an elective course	outside the Program of Studies
1) Includes the 7 Big Ideas of science to the following extent:		
a)	Structure and Transformation of Matter	Strong ☐ Moderate ☐ Little ☐ N/A
b)	Motion and Forces	Strong ☐ Moderate ☐ Little ☐ N/A
c)	The Farth and the Universe	Strong

	d)	Unity and Diversity	☐ Strong ☑ Moderate ☐ Little ☐ N/A
	e)	Biological Change	Strong
	f)	Energy Transformation	☐ Strong ☑ Moderate ☐ Little ☐ N/A
	g)	Interdependence	Strong
2)	und	dresses content-specific enduring derstandings from the related Program of Studies andards.	Strong
3)		dresses content-specific skills and concepts from e related Program of Studies standards.	☐ Strong ☑ Moderate ☐ Little ☐ N/A
4)	Co triv	ntent addressed is current, relevant and non- vial	Strong
5)	Pro	ovides opportunities for critical thinking/reasoning	Strong ☐ Moderate ☐ Little ☐ N/A
6)	•	rengths, Weaknesses, Comments: Specific strengths-which areas/concepts are covered e Specific weaknesses-which areas/concepts would likely	
Strong teacher background information is included with illustrations and adequate explanation of activities. Glossary in student book includes pictures as well as definitions. With regard to weather, we would like to see more opportunities for students to investigate and collect weather data. Text covers shadows; however, basal lacks investigations into the sun/earth relationship responsible for the formation of shadows. Heavy concentration on moon phases. Teacher Edition provides only minimal plant investigations. Student Edition contains excellent photographs and diagrams; but minimal emphasis on collecting and interpreting data, graphs and charts. Light and electricity concepts are not included per Teacher Edition reference p. KY18 that hese will be covered in grades 1 and/or 3. Minimal investigation of how sun's light and heat affect life on Earth. Oftentimes, the big ideas are presented primarily in the student text, and are not supported with investigations.			
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	Fun	ectionality & Suitability	Strong Evidence Moderate Evidence Little or No Evidence

• Should be suitable for use with a diverse population and is free of bias regarding race, age,

ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.

2) (Content quality	Strong ☐ Moderate ☐ Little ☐ N/A
	Content is presented conceptually when possible—mor Content included accurately represents the knowledge	base of the discipline
3) (Connections to Literacy Note: may apply to either student or teacher editions	☐ Strong ☑ Moderate ☐ Little
	Contains pre, during, post reading activities Provides opportunities for summarizing, reviewing, and at multiple levels of difficulty for a variety of learning sty Student text provides opportunity to integrate reading a Uses vocabulary that is age and content appropriate Focuses on critical vocabulary vs. extensive lists Identifies key vocabulary through definitions in both text Engaging text- does the text facilitate learning?	reinforcing vocabulary skills and concepts les. nd writing t and glossary
4) (Connections to Technology	☐ Strong ☑ Moderate ☐ Little
•	integrated technology and technology	
5) \$	Support for Diverse Learners	☐ Strong ☑ Moderate ☐ Little
•	 Provides support for ESL students Provides support for differentiation of instruction in dive Note: may apply only to teacher edition 	rse classrooms
•	 Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out speceral evaluation standards. 	cific strong examples for individual
in	Basal package does not include many literacy conn clude leveled readers and independent books that	

include leveled readers and independent books that connect science and literacy more strongly.
*Educational websites and online readers are referenced in the Teachers' Edition. If

*Educational websites and online readers are referenced in the Teachers' Edition. If appropriate free-with-purchase materials are chosen, technology connections can be made. URL's can be accessed through selection of these materials in free-with-purchase items.

*ELL materials are availabale in the gratis materials; however, ELL support is not strongly evidenced within the Teachers' Edition.

*This basal package could be classified as strong, provided the free-with-purchase materials were part of the package. Most of the connections, with regard to literacy, technology and diverse learners can be found in the gratis materials.

C. Supports Inquiry and Skill Development	Strong Evidence Moderate Evidence Little or No Evidence
1) Promotes Inquiry, research and Application of Learning	☐ Strong ☑ Moderate ☐ Little
 Provides opportunities for inquiry and research that includes act topics, formulating authentic questions, gathering information, reinterviewing, and evaluating information, analyzing and synthesifindings and conclusions. Requires students to use higher-level cognitive skills (analysis, so Provides activities and projects for students to deepen their known strengthen problem-solving and decision-making skills. Provides opportunities for application of learned concepts. Uses a variety of relevant charts, graphs, diagrams, time lines, a motivate students to engage in discussion, problem solving, and Emphasizes conceptual understandings that invite students to provide and extend ideas to support reasoning. Note: may apply to either teacher or student edition 	esearching resources, observing, izing data and communicating synthesis, evaluation, etc.) wledge and cultivate and and other illustrations to invite and dother high-order thinking skills.
2) Skill Development	☐ Strong ☑ Moderate ☐ Little
 Provides opportunities to make sense of data Provides opportunities for critical thinking and reasoning (analyz fact/opinion, recognize bias) Provides opportunities to examine a range of types of evidence Contains embedded activities (or extensions) that emphasize us solving Note: may apply to either teacher or student edition 	
3) Strengths, Weaknesses, Comments:	
*While this basal contains some thought-provoking questions, it provides limited opportunity for students to investigate concepts in order to deepen their understanding. *The student text provides minimal data to interpret. The investigations provide minimal connections to data collection, graphing, and interpretation. We found one data table in the student edition, and no graphs.	
D. Supports Best Practices of Teaching and Learning	Strong Evidence Moderate Evidence Little or No Evidence
1) Engages Students	☐ Strong ☑ Moderate ☐ Little

• Includes content geared to the needs, interests, and abilities of students

- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated Note: may apply to either teacher or student edition

Strong	Moderate	Little
	IVIOGOIGEO	

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

*While the student text is very eye-catching, and many of the activities are interesting, we found that many of the activities were more correlated to our state standards than congruent.

*Assessments include open-response and multiple choice items at the conclusion of each section. During investigations, formative assessment questions are included. Following each investigation, we find a summative, open-response question. Assessments reflect a variety of DOK levels.

E.	Has an Organization/ Format that Supports Learning a	nd
	Teaching	

\boxtimes	Strong Evidence
	Moderate Evidence
	Little or No Evidence

1) Organizational Quality

- Print and/or electronic materials present minimal barriers to learners
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size

Included media are durable, easy to use and have technical merit

• Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text)

Strong	Moderate	I ittle

 Items identified as essential components support the learning goals and concept coverage of the basal

3) Strengths, Weaknesses, Comments:

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

*The teacher edition does not contain pictures of all correlated pages in the student book.

*Teacher edition begins with a correlation of Kentucky's Seven Big Ideas, showing related investigations, pages in student book, and resources and technology.

*Teaching tips, as well as tips on handling live materials are very beneficial.

F. Has available Ancillary/ Gratis M	viateriais
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Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

X	Strong Evidence
	Moderate Evidence
	Little or No Evidence

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- · Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving

2) Strengths, Weaknesses, Comments:

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

- *Express Labs would be beneficial for quick reviews.
- *Vocabulary Picture Cards are very nice, and appeal to visual learners.
- *Test-generator would be very helpful.
- *ELL activities are diverse and very appropriate.
- *Audio cd's for leveled readers.
- *Strong connections to literacy in the free materials.